

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/762,763
Source: FWO
Date Processed by STIC: 10/18/04

ENTERED



IFWO

RAW SEQUENCE LISTING

DATE: 10/18/2004

PATENT APPLICATION: US/10/762,763

TIME: 10:30:29

Input Set : A:\Sequence.txt

Output Set: N:\CRF4\10182004\J762763.raw

```

3 <110> APPLICANT: Vockley, Joseph G.
4     Capuco, Justin A.
5     Eley, Gregory D.
7 <120> TITLE OF INVENTION: IDENTIFICATION AND USE OF INFORMATIVE SEQUENCES
9 <130> FILE REFERENCE: 36609-282533 (SAIC 0086-US)
> 11 <140> CURRENT APPLICATION NUMBER: US/10/762,763
> 11 <141> CURRENT FILING DATE: 2004-01-23
11 <150> PRIOR APPLICATION NUMBER: US 10/762,763
12 <151> PRIOR FILING DATE: 2004-01-23
14 <150> PRIOR APPLICATION NUMBER: US 60/441,745
15 <151> PRIOR FILING DATE: 2003-01-23
17 <150> PRIOR APPLICATION NUMBER: US 60/441,806
18 <151> PRIOR FILING DATE: 2003-01-23
20 <160> NUMBER OF SEQ ID NOS: 5
22 <170> SOFTWARE: PatentIn version 3.2
24 <210> SEQ ID NO: 1
25 <211> LENGTH: 1000
26 <212> TYPE: DNA
27 <213> ORGANISM: Escherichia coli
29 <400> SEQUENCE: 1
30 tatgttttaa ataactaatt ggtcgggtta gtgcatccgg ctttctttat attcgccaga      60
32 aggatttatt atgcaaagga aaactctatt gtcggcctgt attgcattag ctctgagtgg      120
34 tcagggttgg gcggcagata tcacagaggt agaaaccacc acaggtgaaa agaaaaatac      180
36 caatgtgact tgtccggcag acccaggaaa actcagtcgg gaagagctta aacgcttacc      240
38 ctctgaatgc tctcctttag tcgaacaaaa cctgatgccg tggctttcca caggcgctgc      300
40 tgcgttaatc acggccttag ccgtagtgga actaaacgac gatgatgatc atcatcatcg      360
42 caacaattct ccactcccac cgacaccccc tgatgatgaa tcagacgaca ctccagttcc      420
44 cccaactcct ggcggagatg agataatacc ggacgatccg gatgatacgc ctacacctcc      480
46 caaaccgggt tcgtttaata atgacgttat tctcgataaa acagaaaaaa cgttaactat      540
48 tcgcgattca gtttttactt ataccgagaa tgctgacggg actatatctc tgcaagatag      600
50 caatggtcgt aaggcaacga ttaatctttg gcagattgat gaagcgaata aactgttg      660
52 ccttgaaggg gtgagcgcag atggcgcaac gaagtggcaa tataatcaca acggtgagct      720
54 tgttattacg ggtgataatg ccacagtaaa caacaatggc aaaaccaccg ttgacggtaa      780
56 agattccacc ggtacggaaa tcaacggtaa taacgggaaa gtgattcagg acggcgatct      840
58 ggatgtcagc ggcggcggtc acggtattga tatcaccggt gacagcgcg cgggtggataa      900
60 caagggcacc atgaccgtca ccgatccgga gtccatgggt atccagatcg acggtgacaa      960
62 ggccatcgct aataacgaag gcgagagcac catcaccaac      1000
65 <210> SEQ ID NO: 2
66 <211> LENGTH: 750
67 <212> TYPE: DNA
68 <213> ORGANISM: Escherichia coli
70 <400> SEQUENCE: 2
71 acaggatata gttataaccag cgttattgtc gttagtgggt agtcgtcggt cagtgataat      60

```

RAW SEQUENCE LISTING

DATE: 10/18/2004

PATENT APPLICATION: US/10/762,763

TIME: 10:30:29

Input Set : A:\Sequence.txt

Output Set: N:\CRF4\10182004\J762763.raw

```

73 aacgtgacgc tggatggaaa gttaactggt gtatcagaca tataatcaca acggtgagct 120
75 tgttattacg ggtgataatg ccacagtaaa agaggtagaa accaccacag gtgaaaagaa 180
77 aaataccaat gtgacttgct tatcacagag gtagaaacca ccacaggtga aaagaaaaat 240
79 accaatgtga ttataccagc gttattgtcg ttagtggtga gtcgtcggtg tatctgaatg 300
81 tgaatatcac tggtaacggt ctggttgata aggataaaaac cgcagacaat caataccggt 360
83 aatatgaatg gtggacttga actgattgga gagaaaaacg ttacggcagc gataataacg 420
85 tgacgctgga tggaaagtta actgttgtat atattcgcca gaaggattta ttatgcaaag 480
87 gaaaactcta ttgtcggcct gcagatatca cagaggtaga aaccaccaca ggtgaaaaga 540
89 aaaataccaa agcggtattg tcgttagtgg tgagtcgctg gtatatctga atggagatac 600
91 aagagcttaa acgcttacc tctgaatgct ctctttagt cgaacaaaac gaagtggcaa 660
93 tataatcaca acggtgagct tgttattacg ggtgataatg ccggctttct ttatattcgc 720
95 cagaaggatt tattatgcaa aggaaaactc 750
98 <210> SEQ ID NO: 3
99 <211> LENGTH: 650
100 <212> TYPE: DNA
101 <213> ORGANISM: Escherichia coli
103 <400> SEQUENCE: 3
104 acaggatata gttataccag cggtattgtc gttagtgggtg agtcgtcggt cagtgataat 60
106 aacgtgacgc tggatggaaa gttaactggt gtatcagaca tataatcaca acggtgagct 120
108 tgttattacg ggtgataatg ccacagtaaa agaggtagaa accaccacag gtgaaaagaa 180
110 aaataccaat gtgacttgct tatcacagag gtagaaacca ccacaggtga aaagaaaaat 240
112 accaatgtga ttataccagc gttattgtcg ttagtggtga gtcgtcggtg tatctgaatg 300
114 tgaatatcac tggtaacggt ctggttgata aggataaaaac cgcagacaat caataccggt 360
116 aatatgaatg gtggacttga actgattgga gagaaaaacg ttacggcagc gataataacg 420
118 tgacgctgga tggaaagtta actgttgtat atattcgcca gaaggattta ttatgcaaag 480
120 gaaaactcta ttgtcggcct agcggtattg tcgttagtgg tgagtcgctg gtatatctga 540
122 atggagatac gaagtggcaa tataatcaca acggtgagct tgttattacg ggtgataatg 600
124 ccggctttct ttatattcgc cagaaggatt tattatgcaa aggaaaactc 650
127 <210> SEQ ID NO: 4
128 <211> LENGTH: 400
129 <212> TYPE: DNA
130 <213> ORGANISM: Escherichia coli
132 <400> SEQUENCE: 4
133 attgtaaggc gattactttc tcaatcttct gaaatacgca gtgcaagtag tgtaaggcga 60
135 ttactttctc aatcttctga aatacgcagt gcaagtagtc ttaggtcaca caattccaaa 120
137 aggcggttat gaacttactg aagaacttcc caatcttctg aaatacgcag tgcaagtagt 180
139 cttcaggttg aaagaatctg gttatgaact tactgaagaa cttccctggg tttttgaagc 240
141 gatgaatgag gtccaattct gttaggtcac acaattccaa aaggcgggta tgaacttact 300
143 gtagtcttca ggttgaaaga atctgggtcg atgttgatga cagttggtat aaatctcatt 360
145 gtcgcttcat gaagggtcaa ttctgttagg tcacacaatt 400
148 <210> SEQ ID NO: 5
149 <211> LENGTH: 500
150 <212> TYPE: DNA
151 <213> ORGANISM: Escherichia coli
153 <400> SEQUENCE: 5
154 ctgactatca tggacaagac tctgttcgtg taggaagaat ttcttttggg aggtacaaca 60
156 gcggttacat tgtctggtga cagtagctat accacgttac gtgagctata cggaaagtac 120
158 aaaaaaagga aggtgcgacc acaattaata atcgccattc gttgactact tcttatctgg 180
160 atttaatgtc gcatagtgga cggaaagtac aaaaaaagga aggtgcgacc acaattaata 240

```

RAW SEQUENCE LISTING

DATE: 10/18/2004

PATENT APPLICATION: US/10/762,763

TIME: 10:30:29

Input Set : A:\Sequence.txt

Output Set: N:\CRF4\10182004\J762763.raw

162	acaaaatctt	cgtctgcaa	taggtactcc	attacagact	atttcacag	gaggtacgtc	300
164	atttaccac	agatggaatc	ttcagtctct	tcttctcagt	gcgcaaatta	aaggaaggtg	360
166	cgaccacaat	taataacaaa	atcttaaaaa	ttgcacatgg	aattatttac	caacagatgg	420
168	aatcttcagt	ctcttcttct	cagtgcgcaa	aagttatttt	tcgttgactc	agaatagctc	480
170	agtgaaaata	gcaggcggag					500

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/762,763

DATE: 10/18/2004

TIME: 10:30:30

Input Set : A:\Sequence.txt

Output Set: N:\CRF4\10182004\J762763.raw

L:11 M:270 C: Current Application Number differs, Replaced Current Application No

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date